

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒DEEPEN ☐PLUG BACK ☐NAME OF COMPANY OR OPERATOR Derald (Jerry) P. Miller DATE 4-20-77
R.R. 2 Box 75 Peculiar, Mo. 64078

Address

City

State

DESCRIPTION OF WELL AND LEASE

| | | |
|---|---|--|
| Name of lease | Well number | Elevation (ground) |
| WELL LOCATION <u>5610</u> (give footage from section lines) <u>*Ref to attachment for</u> <u>270</u> ft. from (N) (S) sec. line <u>270</u> ft. from (E) (W) sec. line <u>OGC-Y</u> | | |
| WELL LOCATION Section <u>4</u> Township <u>44</u> Range <u>32</u> | | County <u>CASS</u> |
| Nearest distance from proposed location to property or lease line: <u>270</u> feet | | Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: <u>NA</u> feet |
| Proposed depth: <u>280 Feet</u> | Rotary or Cable tools | Approx. date work will start |
| Number of acres in lease: | Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>0</u> Number of abandoned wells on lease: <u>0</u> | |
| If lease, purchased with one or more wells drilled, from whom purchased: Name <u>NA</u> Address _____ | | No. of Wells: producing <u>NA</u> inactive <u>NA</u> abandoned _____ |
| Status of Bond Single Well <input checked="" type="checkbox"/> Amt. <u>1000</u> Blanket Bond <input type="checkbox"/> Amt. _____ | | |
| Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed. | | |
| Proposed casing program: amt. size wt./ft. cem. <u>100'</u> <u>6 5/8 OD</u> <u>STEEL</u> <u>10 bags</u> <u>150'</u> <u>5" OD</u> <u>Plastic</u> | | Approved casing - To be filled in by State Geologist amt. size wt./ft. cem. _____ _____ _____ _____ |
| I, the undersigned, state that I am the _____ of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge. Signature <u>Derald (Jerry) P. Miller</u> | | |

Permit Number: 20035Approval Date: 6 June 1977Approved By: W.B. Hovr by W.B. Hovr

Note: This Permit not transferable to any other person or to any other location.

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned.Approval Limited to
Stratigraphic Test Only☒ SAMPLES REQUIRED☐ SAMPLES NOT REQUIRED

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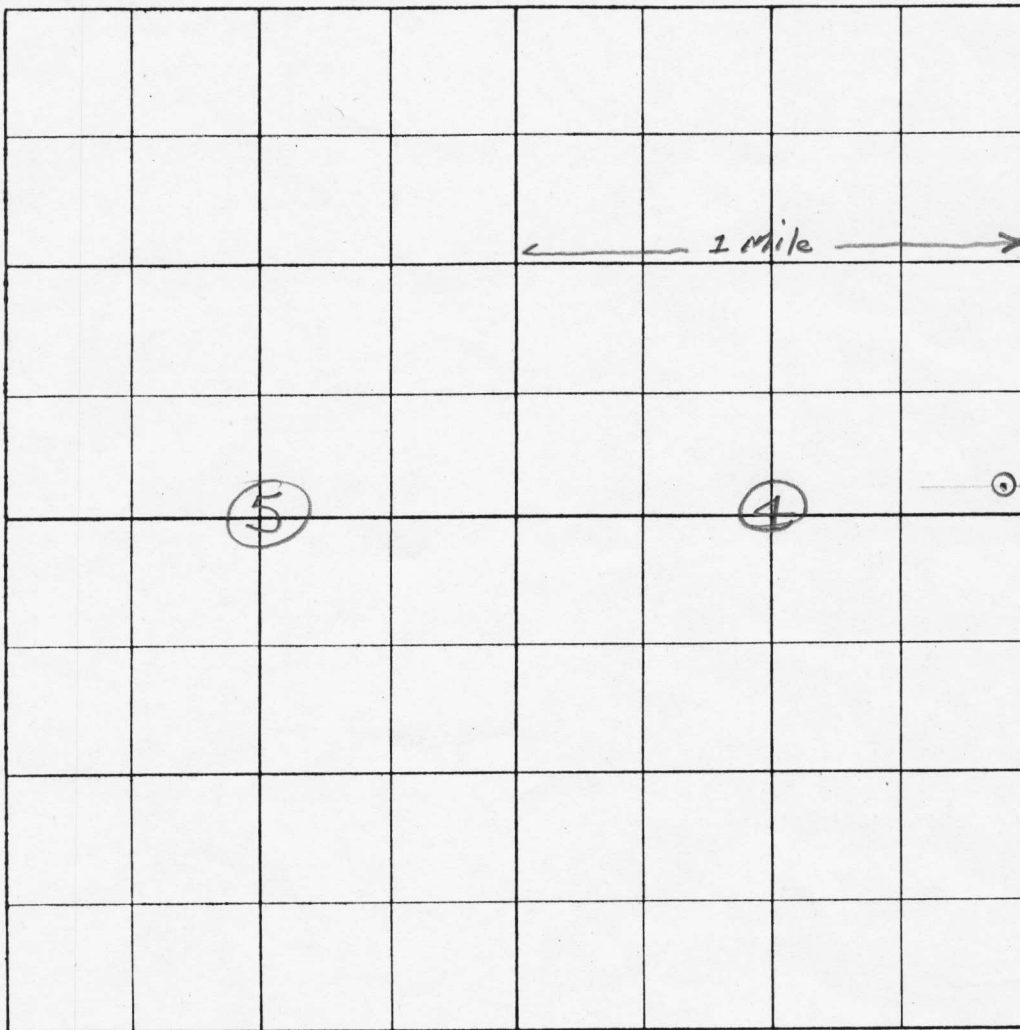
JUN 06 1977

WATER SAMPLES REQUIRED @:

MO. OIL & GAS COUNCIL

Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

WELL LOCATION PLAT

Owner: Gerald (Jerry) P. MillerLease Name: _____ County, Cass275 feet from (N) - (S) line and 330 feet from (E) - (W) line of Sec. 4 Twp. 44 Range 32SCALE
1" = 1000'

REMARKS: Refer To attachment prepared by Cass County
Title Co. Harrisonville MO, changed by Gerald P. Miller,
6-1-77,

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest lease and section lines, and from the nearest well on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well. Do not confuse survey lines with lease lines. See rule 7 - 3 (b) for survey requirements.

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Registered Land Surveyor

Refer To Attachment (SEAL)

MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☒ Dry ☐

| | | | |
|--|---|--|--|
| Owner <i>Gerald P. Miller</i> | | Address <i>R.R. 2 Box 75 Peculiar, MO 64078</i> | |
| Lease Name | | Well Number <i>1</i> | |
| Location <i>Section 4 Township 48 Range 32</i> | | Sec. -- TWP-Range or Block & Survey | |
| County <i>CASS</i> | Permit number (OGC3 number) <i>20035</i> | | |
| Date spudded | Date total depth reached <i>7-25-77</i> | Date completed, ready to produce <i>11-1-77</i> | Elevation (DF, RKB, RT or Gr.) feet <i>2</i> |
| Total depth <i>250</i> | P. B. T. D. | | |
| Producing interval (s) for this completion | | Rotary tools used (interval) From _____ to _____ Drilling Fluid used _____ | Cable tools used (interval) From _____ to _____ |
| Was this well directionally drilled? <i>No</i> | Was directional survey made? <i>NA</i> | Was copy of directional survey filed? <i>NA</i> | Date filed <i>NA</i> |
| Type of electrical or other logs run (list logs filed with the State Geologist) <i>NA</i> | | | Date filed <i>NA</i> |

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

| Purpose | Size hole drilled | Size casing set | Weight (lb./ft.) | Depth set | Sacks cement | Amt. pulled |
|---------|-------------------|----------------------|------------------|----------------|--------------|-------------|
| | | <i>6 5/8 Steel</i> | | <i>111 1/2</i> | <i>11</i> | |
| | | <i>4 1/2 Plastic</i> | | <i>140</i> | | |

TUBING RECORD

LINER RECORD

| Size in. | Depth set ft. | Packer set at ft. | Size in. | Top ft. | Bottom ft. | Sacks cement | Screen (ft.) |
|----------|---------------|-------------------|----------|---------|------------|--------------|--------------|
|----------|---------------|-------------------|----------|---------|------------|--------------|--------------|

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

| Number per ft. | Size & type | Depth Interval | Amt. & kind of material used | Depth Interval |
|----------------|-------------|----------------|------------------------------|----------------|
| | | | | |
| | | | | |
| | | | | |

INITIAL PRODUCTION

| | | | | | | | |
|--------------------------|-----------------|---|-----------------------------|---------------------------|-------------------------------|-------------------------|--|
| Date of first production | | Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) <i>Flowing gas</i> | | | | | |
| Date of test | Hrs. tested | Choke size | Oil prod. during test bbls. | Gas prod. during test MCF | Water prod. during test bbls. | Oil gravity API (Corr.) | |
| Tubing pressure | Casing pressure | Cal'd rate of production per 24 hrs. | Oil bbls. | Gas MCF | Water bbls. | Gas-oil ratio | |

Disposition of gas (state whether vented, used for fuel or sold):
*Fuel*Method of disposal of mud pit contents:
Around well

CERTIFICATE: I, the undersigned, state that I am the *owner* of the *well* (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Copy of drilling log attached.

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SEP 23 1977

MO. OIL & GAS COUNCIL

Signature

Gerald P. Miller

Remit two copies: one will be returned

Owner Jerry Miller

Sec. _____ Twp. _____ Range _____

Drilling Contractor Clint's Rotary Drilling

County Cass

Date well completed 7/25/77

Casing: Amount 111 1/2' Size 6 5/8" steel

Total Depth 250'

Casing: Amount 140' Size 4 1/2" plastic
Actually ran 180'

Yield (Gal. per min.) _____

Size of hole
at bottom 6 1/8"

Depth to water (Static water level) _____

Approximately 30,000 cubic ft. per day of gas

| DEPTH IN FEET | | KIND OF ROCK | REMARKS | DEPTH IN FEET | | KIND OF ROCK | REMARKS |
|---------------|-----|------------------|---------|----------------|----------|--------------|---------|
| FROM | TO | | | FROM | TO | | |
| 0 | 15 | Overburdon | | 11 bags cement | top 110' | | |
| 15 | 120 | Gray Shale | | | | | |
| 120 | 125 | Oil, Sand | | | | | |
| 125 | 150 | Gray Shale | | | | | |
| 150 | 175 | Green Shale | | | | | |
| 175 | 179 | Limestone, brown | | | | | |
| 179 | 184 | Shale | | | | | |
| 184 | 192 | Limestone, brown | | | | | |
| 192 | 215 | Gray Shale | | | | | |
| 215 | 219 | Sandy Lime Oil | | | | | |
| 219 | 221 | Coal | | | | | |
| 221 | 229 | Dark sand Gas | | | | | |
| 229 | 250 | Gray sandy shale | | | | | |

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MO. OIL

COUNCIL

We Hereby Certify that the attached drawing represents
Section 4, Township 44, Range 32, as shown by Government Survey on file in
office of the Recorder of Deeds of Cass County, Missouri.

We have been advised by Gerald P. Miller that well is located
^{330 feet North of} ~~on the Burke~~ - Miller ^{South} property line and ²⁷⁰ ~~245~~ feet West of the East Section
line, In that case said well would be located ²⁷⁰ ~~245~~ feet West of the
Southeast corner of Government Lot 3 of the Northeast Quarter of Section 4,
Township 44, Range 32, which would also be the Northeast corner of Government
Lot 2 of the Northeast Quarter of Section 4, Township 44, Range 32.

Dated at Harrisonville, Missouri, this 12th day of October,
A.D., 1976.

CASS COUNTY TITLE COMPANY

Vencil E. Hayes

*changed 6-1-77
Gerald P. Miller*

